# Approved For Release 2000/04/17 : CIA-RDP78B04560A004700010041-2

PHOTOGRAPHIC INTERPRETATION REPORT

# MISSION COVERAGE INDEX

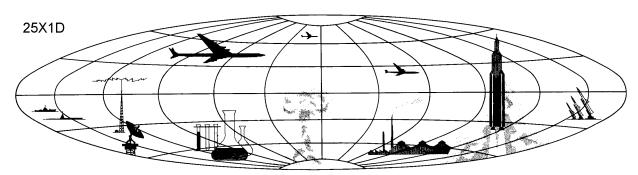
NPIC/R-180/65 June 1965







#### NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

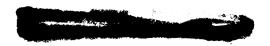


**SECRET** 

GROUP 1 Excluded from automatic downgrading and declassification

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#### WARNING

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

#### **PREFACE**

THIS MISSION COVERAGE INDEX (MCI) LISTS THE INTELLIGENCE TARGETS IMAGED ON THE PHOTOGRAPHY

25X1D

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LAOS AND NORTH VIETNAM.

ITEMS ARE ARRANGED IN THREE SECTIONS --

SECTION I PROVIDES SHORT DESCRIPTIONS FOR NEWLY IDENTIFIED TARGETS AND PREVIOUSLY REPORTED TARGETS SHOWING CHANGE, AND ALSO PROVIDES ORDER OF BATTLE INFORMATION.

SECTION II PROVIDES A LISTING OF THOSE TARGETS WHICH REFLECT NO APPARENT CHANGE IN FACILITIES FROM THE MOST ADEQUATE PREVIOUS DESCRIPTION. THE MCI IN WHICH THIS DESCRIPTION APPEARS IS DESIGNATED BY THE APPROPRIATE MISSION NUMBER, PREFIXED BY THE LETTERS NAC AND APPEARING ON THE PHOTO REFERENCE LINE. MILITARY INSTALLATIONS WHERE THERE IS NO SIGNIFICANT CHANGE IN FACILITIES AND WHERE NO GRDER OF BATTLE CAN BE DETERMINED ARE LISTED UNDER THIS SECTION.

SECTION III PROVIDES A LISTING OF THOSE TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED.

TARGETS IN EACH SECTION ARE ARRANGED 1) BY COUNTRY, 2) WITHIN THE COUNTRY ACCORDING TO SUBJECT, 3) WITHIN THE SUBJECT BY WAC AREA,

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AND 4) WITHIN THE WAC AREA BY GEOGRAPHIC COORDINATES IN ASCENDING ORDER. AN EXPLANATION OF COLUMN HEADINGS AND PHOTO REFERENCES USED IN PRESENTING THE INFORMATION IS CONTAINED IN THE APPENDIX. THE MAP BASE USED (WHEN AVAILABLE) FOR THE DERIVATION OF COORDINATES IN THIS MCI IS THE LATEST EDITION OF THE AMS SERIES L509, SCALE 1/250,000, L701 AND L7012, SCALE 1/50,000, AND THE ATC SERIES 200, SCALE 1/200,000.

THE USER OF THIS MCI IS CAUTIONED THAT THE SCAN OF PHOTOGRAPHY WAS ACCOMPLISHED IN A RELATIVELY SHORT TIME AND DETEN WITHOUT THE AID OF PRECISE ANALYTICAL AND MENSURAL TECHNIQUES COMMONLY EMPLOYED IN DETAILED PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH THE INFORMATION PRESENTED HEREIN IS ESSENTIALLY ACCURATE, ADDITIONAL, DETAILED ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE INFORMATION.

Approved For Release 2000/04/17 : CIA-RDP78B04560A004700010041-2 SECTION I THIS SECTION PROVIDES SHORT DESCRIPTIONS FOR NEWLY IDENTIFIED TARGETS AND PREVI-OUSLY REPORTED TARGETS SHOWING CHANGE, AND ALSO PROVIDES ORDER OF BATTLE INFORMATION.

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| T   | C 1: .  | instac   WAC   |  | Numbers   |
|---|---|--|--|---|
| Target  | Coordinates   | WAC  | BE   | NPIC  |
| NOTE AAA DEFENSES ARE DIVIDED INTO THREE BASIC CATEGORIES LIGHT (ZPU-2, ZPU-4, 37MM), MEDIUM (57MM, 85MM), AND HEAVY (100MM AND LARGER). WHERE SUCH A CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED (EXAMPLE 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED). |   |  |  |   |
| -LAOS-  |   |  |  |   |
| AIR INSTALLATIONS   |   |  |  |   |
| BAN SOUI AIRFIELD  SEVENTY PERCENT OF RUNWAY CLOUD COVERED.  NO APPARENT CHANGE SINCE MISSION  AIRCRAFT 1 C-46 IN FLIGHT JUST NE OF  AIRFIELD, 1 CHOCTAW (H-34) HELICOPTER, AND 1   | 1931N 1Ø253E  | Ø617   |  | 478   |
| COMOR TARGET NO   |   | !  |  |   |
| BAN NON HON LANDING STRIP  NO APPARENT CHANGE SINCE MISSION  AIRCRAFT 1 DERELICT C-47 AND 1 DERELICT C-123.   | 1926N 1Ø3 <u></u> Ø5E   | Ø617   |  | 427-A   |
|   |   |  |  |   |
| MILITARY INSTALLATIONS  |   |  |  |   |
| MUONG DAI BARRACKS AND STORAGE AREA  1.6 NM EAST OF MUONG DAI AT UTM STORAGE AREA CONTAINS 8 STORAGE BUILDINGS ON BOTH SIDES OF ROUTE 65. SEVERAL POSSIBLE  | 2017N 10439E  | Ø616   |  | 281-D   |
|   | BASIC CATEGORIES LIGHT (ZPU-2, ZPU-4, 37MM), MEDIUM (57MM, 85MM), AND HEAVY (100MM AND LARGER). WHERE SUCH A CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED (EXAMPLE 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED).  -LAOS-  AIR INSTALLATIONS  BAN SOUI AIRFIELD SEVENTY PERCENT OF RUNWAY CLOUD COVERED. NO APPARENT CHANGE SINCE MISSION AIRCRAFT 1 C-46 IN FLIGHT JUST NE OF AIRFIELD, 1 CHOCTAW (H-34) HELICOPTER, AND 1 LIAISON (O-1E). COMOR TARGET NO  BAN NON HON LANDING STRIP NO APPARENT CHANGE SINCE MISSION AIRCRAFT 1 DERELICT C-47 AND 1 DERELICT C-123.  MILITARY INSTALLATIONS  MUONG DAI BARRACKS AND STORAGE AREA 1.6 NM EAST OF MUONG DAI AT UTM STORAGE AREA CONTAINS 8 STORAGE BUILDINGS ON | NOTE AAA DEFENSES ARE DIVIDED INTO THREE BASIC CATEGORIES LIGHT (ZPU-2, ZPU-4, 37MM), MEDIUM (57MM, 85MM), AND HEAVY (100MM AND LARGER). WHERE SUCH A CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED (EXAMPLE 6-GUN AAA SITE, DCCUPIED/UNDCCUPIED).  -LAOS-  AIR INSTALLATIONS  BAN SOUI AIRFIELD SEVENTY PERCENT OF RUNWAY CLOUD COVERED. NO APPARENT CHANGE SINCE MISSION AIRCRAFT 1 C-46 IN FLIGHT JUST NE OF AIRFIELD, 1 CHOCTAW (H-34) HELICOPTER, AND 1 LIAISON (O-1E). COMOR TARGET NO  BAN NON HON LANDING STRIP NO APPARENT CHANGE SINCE MISSION AIRCRAFT 1 DERELICT C-47 AND 1 DERELICT C-123.  MILITARY INSTALLATIONS  MUCNG DAI BARRACKS AND STORAGE AREA 1.6 NM EAST OF MUONG DAI AT UTM STORAGE AREA CONTAINS 8 STORAGE BUILDINGS ON | NOTE AAA DEFENSES ARE DIVIDED INTO THREE BASIC CATEGORIES LIGHT (ZPU-2, ZPU-4, 37MM), MEDIUM (57MM, 85MM), AND HEAVY (100MM AND LARGER). WHERE SUCH A CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED (EXAMPLE 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED).  -LAOS-  AIR INSTALLATIONS  BAN SOUI AIRFIELD SEVENTY PERCENT OF RUNWAY CLOUD COVERED. NO APPARENT CHANGE SINCE MISSION AIRCRAFT 1 C-46 IN FLIGHT JUST NE OF AIRFIELD, 1 CHOCTAW (H-34) HELICOPTER, AND 1 LIAISON (O-1E). COMOR TARGET NO  BAN NON HON LANDING STRIP NC APPARENT CHANGE SINCE MISSION AIRCRAFT 1 DERELICT C-47 AND 1 DERELICT C-123.  MILITARY INSTALLATIONS  MUONG DAI BARRACKS AND STORAGE AREA 1.6 NM EAST OF MUONG DAI AT UTM STORAGE AREA CONTAINS 8 STORAGE BUILDINGS ON | NOTE AAA DEFENSES ARE DIVIDED INTO THREE BASIC CATEGORIES LIGHT (ZPU-2, ZPU-4, 37MM), MEDIUM (57MM, BSMM), AND HEAVY (100MM AND LARGER). WHERE SUCH A CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED (EXAMPLE 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED).  -LAOS-  AIR INSTALLATIONS  BAN SOUI AIRFIELD SEVENTY PERCENT OF RUNWAY CLOUD COVERED. NO APPARENT CHANGE SINCE MISSION AIRCRAFT 1 C-46 IN FLIGHT JUST NE OF AIRFIELD, 1 CHOCTAW (H-34) HELICOPTER, AND 1 LIAISON (0-1E). COMOR TARGET NO  BAN NON HON LANDING STRIP NO APPARENT CHANGE SINCE MISSION AIRCRAFT 1 DERELICT C-47 AND 1 DERELICT C-123.  MILITARY INSTALLATIONS  MUDING DAI BARRACKS AND STORAGE AREA 1.6 NM EAST OF MUONG DAI AT UTM STORAGE AREA CONTAINS 8 STORAGE BUILDINGS ON |

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| [              | <b>T</b>   | Coordinates  | WAC  | Target | Numbers |
|----------------|--|--------------|------|--------|---------|
|                | Target   | Coordinates  | WAC  | BE     | NPIC    |
| 25X1D<br>25X1D | IMMEDIATELY NORTH OF STORAGE AREA AND BENEATH A DENSE TREE CANOPY ARE A LARGE CAMOUFLAGED ADMINISTRATION/BARRACKS-TYPE AND AT LEAST 6 CAMOUFLAGED BARRACKS/SUPPORT BUILDINGS. HEAVY TRACK ACTIVITY OBSERVED THROUGHOUT AREA.   | •            |      | •      |         |
|                | NA KHAO MILITARY AREAS<br>TWO MILITARY AREAS IN VICINITY OF NA KHAO.   | 2020N 10419E | Ø616 |        | 498-D   |
| 25X1D          | AREA A NO APPARENT CHANGE SINCE MISSION  |              |      |        |         |
| 25X1D          | AREA B (Ø.5 NM EAST OF NA KHAO AT UTM  COMPRISES 2 SUBAREAS. ONE SUBAREA, SOUTH OF ROUTE 65, CONTAINS AT LEAST 12 STORAGE/BARRACKS-TYPE BUILDINGS CAMOUFLAGED AND PARTIALLY CONCEALED BY TREES AND 3 DISMANTLED BUILDINGS. A BARRACKS SUBAREA, NORTH OF ROUTE 65, HAS BEEN SUBJECTED TO AN AIRSTRIKE LEAVING 1 BUILDING UNDAMAGED AND ALL OTHER BUILDINGS DESTROYED. TRENCHING AND FOXHOLES OBSERVED THROUGHOUT BOTH SUBAREAS. |              |      |        |         |
| 25X1D          |  |              |      |        |         |
| 25X1D          | BAN KHO MILITARY AREAS THREE MILITARY AREAS IN BAN KHO VICINITY.  AREAS A AND B NO APPARENT CHANGE SINCE MISSION   | 2020N 10420E | Ø616 |        | 498-E   |
|                | AREA C 1 L-SHAPED, 2 SUPPORT/BARRACKS, AND   |              |      |        |         |

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|         | Target  | Coordinates  | WAC  | Target | Numbers |
|---------|---|--------------|------|--------|---------|
|         | - Lange   | Coordinates  | "AC  | BE     | NPIC    |
| ¢*      | 3 DESTROYED BUILDINGS.  |              |      |        |         |
| 25X1D   | TEN BOMB CRATERS OBSERVED JUST EAST OF AREA.  |              |      |        |         |
| :       | XIENG LOUANG MILITARY AREAS TWO MILITARY AREAS IN XIENG LOUANG VICINITY.  | 2021N 10417E | Ø616 |        | 498-C   |
| 25X1D   | AREA A NO APPARENT CHANGE SINCE MISSION   |              |      |        |         |
| 0.EV/10 | AREA B APPEARS TO BE IN PROCESS OF BEING DISMANTLED. THREE LARGE RECTANGULAR, 1 T-SHAPED, AND 1 L-SHAPED BUILDING STILL INTACT. SIX BUILDINGS WITHOUT ROOFS AND 4 BUILDING FOUNDATIONS OBSERVED. SMOKE OBSERVED RISING FROM AREA. |              |      |        |         |
| 25X1D   |   |              |      |        |         |
| 25X1D   | NA VIT TEU MILITARY AREAS THREE MILITARY AREAS REPORTED ON MISSION REFERENCED FROM NA VIT TEU.  | 2022N 10416E | Ø616 |        | 498-A   |
|         | AREAS A AND B NOT COVERED.  |              |      |        |         |
| 25X1D   | AREA C (0.3 NM NE AT UTM ——————————————————————————————————   |              |      |        |         |
| 25X1D   | DAN MAKAY NEWA MILITARY AREAS   |              |      |        |         |
|         | BAN NAKAY NEUA MILITARY AREAS<br>ELEVEN MILITARY AREAS AS REPORTED ON MISSION   | 2024N 10414E | Ø616 |        | 498     |

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|   | C 1: .   | WAC  | Target N   | Numbers   |
|---|--|--|--|---|
| Target  | Coordinates  | WAC  | BE   | NPIC  |
| REFERENCED FROM BAN NAKAY NEUA.  AREA A (1.6 NM WNW AT UTM AT LEAST 18 DISMANTLED BUILDINGS.  AREA G NOT COVERED.  AREA I CLOUD COVERED.  AREA J (1.7 NM ESE AT UTM) STORAGE AREA CONTAINS 1 LARGE, 1 T-SHAPED, 13  |  |  |  |   |
| STURAGE, AT LEAST 25 SMALL, AND 4 DISMANTLED BUILDINGS.  AREAS B, C, D, E, F, H AND K NO APPARENT CHANGE SINCE MISSION  |  |  |  |   |
| BAN KHAI MILITARY CAMPS AND STRONGPOINTS SEVEN MILITARY AREAS EAST OF, AND REFERENCED FROM, BAN KHAI AS REPORTED ON MISSION  AREA A (Ø.3 NM EAST ON NORTH SIDE OF ROUTE 7 AT UTM —————————————————————————————————— | 1933N 10254E   | Ø617   |  | 478-E   |
| AREA D (2.8 NM ENE, AND NORTH OF ROUTE 7, AT UTM  |  |  |  |   |
| AREA E (0.3 NM EAST ON SOUTH SIDE OF ROUTE 7 AT UTM 6 LARGE BUILDINGS, SEVERAL SHEDS, AT LEAST 6 SMALL AND 7 LARGE  |  |  |  |   |
|   | AREA A (1.6 NM WNW AT UTM —————————————————————————————————— | REFERENCED FROM BAN NAKAY NEUA.  AREA A (1.6 NM WNW AT UTM | REFERENCED FROM BAN NAKAY NEUA.  AREA A (1.6 NM WNW AT UTM AT LEAST 18 DISMANTLED BUILDINGS.  AREA G NOT COVERED.  AREA I CLOUD COVERED.  AREA J (1.7 NM ESE AT UTM STORAGE AREA CONTAINS 1 LARGE, 1 T-SHAPED, 13 STORAGE, AT LEAST 25 SMALL, AND 4 DISMANTLED BUILDINGS.  AREAS B, C, D, E, F, H AND K NO APPARENT CHANGE SINCE MISSION | REFERENCED FROM BAN NAKAY NEUA.  AREA A (1.6 NM WNW AT UTM AT LEAST 18 DISMANTLED BUILDINGS.  AREA G NOT COVERED.  AREA J (1.7 NM ESE AT UTM STORAGE AREA CONTAINS 1 LARGE, 1 T-SHAPED, 13 STORAGE, AT LEAST 25 SMALL, AND 4 DISMANTLED BUILDINGS.  AREAS B, C, D, E, F, H AND K NO APPARENT CHANGE SINCE MISSION |

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| ſ              | Target  | Coordinates | WAC      | Target   | Numbers |
|----------------|---|-------------|----------|----------|---------|
|                | l orget   | Coordinates | WAC [    | BE       | NPIC    |
| e s            | TENTS, 3 CARGO TRUCKS, 4 UTILITY TRUCKS, 2 JEEPS, AND A FENCED OPEN STORAGE AREA CONTAINING UNIDENTIFIED MATERIAL. CLOUDS COVER REMAINDER OF AREA B.  AREAS B, C, F AND G NOT OBSERVED. |             |          |          |         |
| 25X1D          |   |             |          |          | 3       |
| 25X1D          | KHANG KHAI AAA/FA SITES FOURTEEN SITES IN KHANG KHAI VICINITY AS REPORTED ON MISSION  | 1929N 1Ø31  | 15E Ø617 |          | 3Ø9-E   |
|                | SITES A, C-E, G, H, J-N UNOCCUPIED.   |             |          |          |         |
|                | SITES B, F, I NOT COVERED.  |             |          | <b>.</b> |         |
| 25X1A<br>25X1D | COMOR TARGET NO   |             |          |          |         |
| 25X1D          | BAN DONG BARRACKS AREA  Ø.5 NM SSE OF BAN DONG ON THE SOUTH SIDE OF ROUTE 7 AT UTM APPROXIMATELY 20 BUILDINGS ARE DISPERSED IN WOODS.   | 1929N 1Ø3   | 16E Ø617 |          | 465-H   |
| 25X1D<br>25X1D | FIVE PT-76 TANKS AND 1 PROBABLE PT-76 TANK OBSERVED DISPERSED IN AREA.  |             |          |          | ,       |
|                | ~   |             |          |          |         |

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|                | Target Coordinates  |              | WAC  | Target | Numbers |
|----------------|---|--------------|------|--------|---------|
|                |   | Coolamates   | "70  | BE     | NPIC    |
| 25X10          | BAN DONG MILITARY AREAS  SIX AREAS ALONG BOTH SIDES OF ROUTE 7 (AREAS A-D REFERENCED FROM BAN DONG).  AREA A (Ø.7 NM ESE ON SOUTH SIDE OF ROUTE 7 AT UTM —————————————————————————————————— | 1929N 10317E | Ø617 |        | 465-F   |
| 25X1D          | AREA B (1 NM ENE ON NORTH SIDE OF ROUTE 7 AT UTM VEHICLE DISPERSAL AREA WITH TRACK ACTIVITY IN A CLEARED AREA.  |              |      |        |         |
| 25X1D          | AREA C (1.2 NM ENE ON NORTH SIDE OF ROUTE 7 AT UTM ——————————————————————————————————   |              |      | ×      |         |
| 25X1D          | AREA D (1.1 NM ESE ON SOUTH SIDE OF ROUTE 7 AT UTM ——————————————————————————————————   | ,            |      |        |         |
| 25X1D          | AREA E (JUST SOUTH OF ROUTE 7 AT UTM VEHICLE DISPERSAL AREA WITH TRACK ACTIVITY OBSERVED IN WOODED AREA.  |              |      |        | ,       |
| 25X1D<br>25X1D | AREA F (JUST SOUTH OF ROUTE 7 AT UTM  VEHICLE DISPERSAL AREA WITH TRACK ACTIVITY OBSERVED IN WOODED AREA.   |              | V.   |        |         |

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|       | Target   | Coordinates  | WAC  | Target i | Numbers |
|-------|--|--------------|------|----------|---------|
| f     |  |              |      | BE       | NPIC    |
| 25X1D |  |              |      |          |         |
| 25X1D | BAN PHAXAI PROBABLE MILITARY CAMP  0.3 NM WSW OF BAN PHAXAI AT UTM  PROBABLE MILITARY CAMP CONTAINS 2 BARRACKS—  TYPE AND 1 ADMINISTRATION BUILDING. FOUR  SUPPORT AND 5 ASSOCIATED BUILDINGS HAVE BEEN  DESTROYED OR DISMANTLED.  NO BOMB CRATERS OBSERVED. | 1931N 10320E | Ø617 |          | 465-K   |
| 25X1D |  |              |      |          |         |
|       | BAN POUNG NOI AAA SITES<br>THIRTEEN LIGHT AAA SITES IN BAN POUNG NOI<br>VICINITY.  | 1933N 10305E | Ø617 |          | 426-F   |
| 25X1D | SITES A-C AND E-K AS REPORTED IN MISSION REMAIN UNOCCUPIED.  |              |      |          |         |
| 25X1D | SITE D (UTM 4-GUN, OCCUPIED.   |              |      |          |         |
|       | SITE L (UTM 4-GUN, 1 POSITION OCCUPIED.  |              |      |          |         |
|       | SITE M (UTM 4-GUN, 2 POSITIONS OCCUPIED.   |              |      |          |         |
| 25X1D |  |              |      |          |         |
|       | BASIC SERVICES   |              |      |          | ·       |
| 25X1D | MUONG DAI REST/REFUEL AREA NO APPARENT CHANGE SINCE MISSION  | 2Ø17N 1Ø439E | Ø616 |          | 281-C   |
| L     | CECRET   |              |      |          |         |

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Target Numbers WAC Coordinates Target BE NPIC FOUR PROBABLE VEHICLES OBSERVED. 25X1D 1Ø5Ø4E Ø617 118-D 1818N NAPE HIGHWAY BRIDGE OVER NAM PHAO EASTERN EDGE OF NAPE AT UTM 25X1D THREE-SPAN, HALF-THROUGH, WOODEN DECK, UNSERVICEABLE BRIDGE WITH WESTERN SPAN COLLAPSED. VEHICLE FORD IMMEDIATELY SOUTH OF BRIDGE WITH WOODEN RAMP APPROACHES TO EACH BANK IS PARTIALLY DAMAGED. BUT POSSIBLY SERVICEABLE. 25X1D 3Ø9-F 1928N 1Ø314E Ø617 KHANG KHAI VEHICLE PARK TWELVE COVERED VEHICLE REVETMENTS AND EXTENSIVE TRACK ACTIVITY OBSERVED IN CLOUD-FREE AREAS AT UTM 25X1D NO TANKS OR TRUCKS OBSERVED. 25X1D MISCELLANEOUS ROUTE 7 SINGLE-LANE, NATURAL SURFACE ROAD IN GOOD CONDITION OBSERVED INTERMITTENTLY FROM: 19-27N 103-08E TO 19-39N 103-30E. BRIDGE OVER THE NAM PEN (RIVER) AT 19-31-103-04-E IS OUT. AN ARMORED PERSONNEL CARRIER OBSERVED AT 19-30-■N 103-06-■E.

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|       | Target   | Coordinates | WAC   | Target | get Numbers |  |
|-------|--|-------------|-------|--------|-------------|--|
| -     | ruiger   | Coordinates | WAC . | BE     | NPIC        |  |
|       |  |             | İ     |        |             |  |
|       |  |             |       |        |             |  |
|       |  | ,           | 4     |        |             |  |
| 25X1D |  |             |       |        |             |  |
| 16    |  |             |       |        | ]           |  |
|       |  |             |       |        |             |  |
|       |  |             |       |        |             |  |
|       |  |             |       |        |             |  |
|       |  |             |       |        |             |  |
|       |  |             |       |        |             |  |
|       |  |             |       |        |             |  |
|       | ROUTE 8  |             |       |        |             |  |
|       |  |             |       |        |             |  |
|       | SINGLE-LANE, NATURAL SURFACE ROAD IN FAIR                                |             |       |        |             |  |
|       | CONDITION OBSERVED INTERMITTENTLY FROM 17-33N 105-10E TO 18-26N 105-15E. |             |       |        |             |  |
|       | INTERDICTION POINT AT 18-20N 105-07E IS                                  |             |       |        |             |  |
|       | UNSERVICEABLE.   |             |       |        |             |  |
|       | NO CONSTRUCTION ACTIVITY OBSERVED.                                       |             |       |        |             |  |
|       | NO VEHICLES OBSERVED.  |             |       |        |             |  |
| 25X1D |  |             |       |        |             |  |
|       |  | •           |       |        |             |  |
|       |  |             |       |        |             |  |
|       |  | •           |       |        |             |  |
|       |  |             |       |        |             |  |
|       | ROUTE 9  |             |       |        |             |  |
| *     | SINGLE-LANE, NATURAL SURFACE ROAD IN FAIR                                |             |       |        |             |  |
|       | CONDITION OBSERVED FROM 16-37N 106-30E TO                                |             |       | 1      |             |  |
| •     | 16-37N 106-35E.  |             |       |        |             |  |
| ];    | NO VEHICLES OBSERVED.  |             |       |        |             |  |
| 25X1D |  |             |       |        |             |  |
| ļ.    |  |             |       |        |             |  |
| -     |  |             |       | *      |             |  |

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| TA   | Coordinates   | WAC   | WAC Target Numbers  |   |
|--|---|---|---|---|
| larget   | Coordinates   | WAC   | BE  | NPIC  |
| ROUTE 12   |   |   |   |   |
| SINGLE-LANE, NATURAL SURFACE, SERVICEABLE ROAD IN GOOD CONDITION OBSERVED FROM 17-35N 105-10E TO 17-43N 105-47E. ALL BRIDGES ARE SERVICEABLE. INTERDICTION POINT IN MU GIA PASS AT 17-35N 105-44E IS SERVICEABLE TO VEHICLES. NO VEHICLES OBSERVED.                    |   |   |   |   |
| ROUTE 65   |   |   |   |   |
| SINGLE-LANE, NATURAL SURFACE, UNIMPROVED ROAD OBSERVED FROM LAOS/NORTH VIETNAM BORDER AT 20-18N 104-41E TO BAN NAKAY NEUA (20-27N 104-11E).  MAJOR STREAMS ARE CROSSED BY SINGLE-LANE WOODEN BRIDGES IN GOOD CONDITION. SMALLER STREAMS ARE CROSSED BY WOODEN BRIDGES, |   |   |   |   |
| ALL INTERDICTION POINTS ARE SERVICEABLE. NO VEHICLES OBSERVED.   |   |   |   |   |
|  | SINGLE-LANE, NATURAL SURFACE, SERVICEABLE ROAD IN GOOD CONDITION OBSERVED FROM 17-35N 105-10E TO 17-43N 105-47E. ALL BRIDGES ARE SERVICEABLE. INTERDICTION POINT IN MU GIA PASS AT 17-35N 105-44E IS SERVICEABLE TO VEHICLES. NO VEHICLES OBSERVED.  ROUTE 65  SINGLE-LANE, NATURAL SURFACE, UNIMPROVED ROAD OBSERVED FROM LAOS/NORTH VIETNAM BORDER AT 20-18N 104-41E TO BAN NAKAY NEUA (20-27N 104-11E). MAJOR STREAMS ARE CROSSED BY SINGLE-LANE WOODEN BRIDGES IN GOOD CONDITION. SMALLER STREAMS ARE CROSSED BY WOODEN BRIDGES, CONCRETE CULVERTS OR SHALLOW FORDS. ALL INTERDICTION POINTS ARE SERVICEABLE. | ROUTE 12  SINGLE-LANE, NATURAL SURFACE, SERVICEABLE ROAD IN GOOD CONDITION OBSERVED FROM 17-35N 105-10E TO 17-43N 105-47E. ALL BRIDGES ARE SERVICEABLE. INTERDICTION POINT IN MU GIA PASS AT 17-35N 105-44E IS SERVICEABLE TO VEHICLES. NO VEHICLES OBSERVED.  ROUTE 65  SINGLE-LANE, NATURAL SURFACE, UNIMPROVED ROAD OBSERVED FROM LAOS/NORTH VIETNAM BORDER AT 20-18N 104-41E TO BAN NAKAY NEUA (20-27N 104-11E). MAJOR STREAMS ARE CROSSED BY SINGLE-LANE WOODEN BRIDGES IN GOOD CONDITION. SMALLER STREAMS ARE CROSSED BY WOODEN BRIDGES, CONCRETE CULVERTS OR SHALLOW FORDS. ALL INTERDICTION POINTS ARE SERVICEABLE. | ROUTE 12  SINGLE-LANE, NATURAL SURFACE, SERVICEABLE ROAD IN GOOD CONDITION OBSERVED FROM 17-35N 105-10E TO 17-43N 105-47E. ALL BRIDGES ARE SERVICEABLE. INTERDICTION POINT IN MU GIA PASS AT 17-35N 105-44E IS SERVICEABLE TO VEHICLES. NO VEHICLES OBSERVED.  ROUTE 65  SINGLE-LANE, NATURAL SURFACE, UNIMPROVED ROAD OBSERVED FROM LAOS/NORTH VIETNAM BORDER AT 20-18N 104-41E TO BAN NAKAY NEUA (20-27N 104-11E). MAJOR STREAMS ARE CROSSED BY SINGLE-LANE WOODEN BRIDGES IN GOOD CONDITION. SMALLER STREAMS ARE CROSSED BY WOODEN BRIDGES, CONCRETE CULVERTS OR SHALLOW FORDS. ALL INTERDICTION POINTS ARE SERVICEABLE. | ROUTE 12  SINGLE-LANE, NATURAL SURFACE, SERVICEABLE ROAD IN GOOD CONDITION OBSERVED FROM 17-35N 105-10E TO 17-43N 105-47E. ALL BRIDGES ARE SERVICEABLE. INTERDICTION POINT IN MU GIA PASS AT 17-35N 105-44E IS SERVICEABLE TO VEHICLES. NO VEHICLES OBSERVED.  ROUTE 65  SINGLE-LANE, NATURAL SURFACE, UNIMPROVED ROAD OBSERVED FROM LAOS/NORTH VIETNAM BORDER AT 20-18N 104-41E TO BAN NAKAY NEUA (20-27N 104-11E). MAJOR STREAMS ARE CROSSED BY SINGLE-LANE WOODEN BRIDGES IN GOOD CONDITION. SMALLER STREAMS ARE CROSSED BY WOODEN BRIDGES, CONCRETE CULVERTS OR SHALLOW FORDS. ALL INTERDICTION POINTS ARE SERVICEABLE. |

# Approved For Release 2000/04/19ECIGIA-RDP78B04560A004700010041-25X1A

|       | Target   | Coordinates  | WAC  | Target I | Numbers |
|-------|--|--------------|------|----------|---------|
|       | l arget  | Coordinates  | WAC  | BE       | NPIC    |
| ف     | -NORTH VIETNAM- MILITARY INSTALLATIONS   |              |      |          |         |
| 25X1D | SITE CONSISTS OF 4 UNDCCUPIED COASTAL DEFENSE POSITIONS. A SMALL SUPPORT AREA CONTAINING 7 SMALL BUILDINGS IS IMMEDIATELY SW OF THE POSITIONS.   | 1741N 10630E | Ø617 |          | 288-C   |
| 20/10 | QUANG KHE NAVAL BASE CUU DINH ON NORTH AND SOUTH BANKS OF THE SONG GIANG (RIVER).  | 1742N 1Ø629E | Ø617 |          | 288     |
| 25X1D | AREA A (AT CUU DINH ON NORTH BANK AT UTM  1 T-HEAD PIER, 3 BARRACKS, 1  MAINTENANCE/SUPPORT, AND 1 ADMINISTRATION BUILDING (ALL RECENTLY REPAIRED), 1 DESTROYED BARRACKS, 1 SEVERELY DAMAGED BARRACKS, 3 DESTROYED SUPPORT BUILDINGS, 6 HORIZONTAL POL TANKS, AND 1 BUNKER/PILL BOX. REPAIR FACILITY WEST OF INSTALLATION CONTAINS A WINCH HOUSE AND MARINE RAILWAY. |              | ·    |          |         |
| 25X1D | AREA B (ON SOUTH BANK AT UTM — 6 BARRACKS, 2 ADMINISTRATION, 1 MESSHALL, AND 4 SUPPORT BUILDINGS, AND 2 BOAT SHELTERS (ALL DESTROYED). THREE BARRACKS, 18 BARRACKS/ STORAGE, 1 ADMINISTRATION, 1 LARGE VEHICLE MAINTENANCE, AND 4 SUPPORT BUILDINGS REMAIN.  |              |      |          |         |
| 25X1D | AREA C (JUST EAST OF AREA B AT UTM 11 BARRACKS, 1 STORAGE, 1   |              | v    |          |         |

# Approved For Release 2000/04/152CREHA-RDP78B04560A004700010041-2

R-18Ø/65

25X1A

| . [            | Target  | Coordinates  | WAC  | Target 1 | Numbers |
|----------------|---|--------------|------|----------|---------|
|                | Turger  | Coordinates  | "^C  | BE       | NPIC    |
| 25X1A<br>25X1D | MESSHALL, AND 8 SMALL SUPPORT BUILDINGS.  VESSELS NONE OBSERVED.  COMOR TARGET NO   |              |      |          |         |
| 25X1A<br>25X1D | BA DON NAVAL BASE AREA APPARENTLY HAS BEEN SUBJECTED TO AN AIR STRIKE. TWO SUPPORT BUILDINGS REMAIN. T-HEAD PIER IS DESTROYED. VESSELS NONE OBSERVED. COMOR TARGET NO   | 1743N 1Ø626E | Ø617 |          | 102-D   |
|                | ELECTRONICS/COMMUNICATIONS  |              |      |          |         |
| 25X1D<br>25X1D | QUANG KHE RADIO SITE EAST  Ø.8 NM EAST OF QUANG KHE AT UTM  SITE CONTAINS 4 POSSIBLE SUPPORT BUILDINGS. NO EQUIPMENT/TOWERS OBSERVED.   | 1741N 1Ø629E | Ø617 |          | 288-D   |
|                | BASIC SERVICES  |              |      |          |         |
| 25X1D          | KIM CUONG HIGHWAY BRIDGE OVER NAM CHOT  3 NM SW OF KIM KUONG AT UTM  SINGLE-SPAN, DECK-TYPE, MASONRY-CONSTRUCTED BRIDGE WITH APPROXIMATELY 30 PERCENT OF SURFACE DESTROYED. BRIDGE IS UNSERVICEABLE. BOMB DAMAGE OBSERVED ON BRIDGE APPROACHES. | 1826N 1Ø513E | Ø617 |          | 112-D   |
| 25X1D          |   |              |      |          |         |

Approved For Release 2000/04/17: CIA-RDP78B04560A004700010041-2

#### SECTION II

THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH REFLECT NO APPARENT CHANGE IN FACILITIES FROM THE MOST ADEQUATE PREVIOUS DESCRIPTION. THE MCI IN WHICH THIS DESCRIPTION APPEARS IS DESIGNATED BY THE APPROPRIATE MISSION NUMBER, PREFIXED BY THE LETTERS "NAC" AND APPEARING AS THE LAST ENTRY ON THE PHOTO REFERENCE LINE. MILITARY INSTALLATIONS WHERE THERE IS NO SIGNIFICANT CHANGE IN FACILITIES AND WHERE NO ORDER OF BATTLE CAN BE DETERMINED ARE LISTED UNDER THIS SECTION.

# Approved For Release 2000/049FCP&TA-RDP78B04560A004700010041-2-25X1A

|                |   | 23/1/        |                  |    |                |
|----------------|---|--------------|------------------|----|----------------|
|                | Target  | Coordinates  | · ·   WAC !      |    | lumbers        |
|                | ı arger   | Cooldinates  |                  | BE | NPIC           |
| G <sub>E</sub> |   |              |                  |    |                |
| 16             | -LAOS-  |              |                  |    |                |
|                | AIR INSTALLATIONS   |              |                  |    | 1              |
| 25X1E          | NAPE AIRFIELD   | 1818N 10505E | Ø61 <sup>-</sup> | 7  | 118            |
| 25X1D          | BAN SAO LANDING STRIP   | 1927N 10307E | Ø617             |    | 427-0          |
| 25X1A<br>25X1D | XIENG KHOUANG AIRFIELD COMOR TARGET NO  | 1927N 10308E | Ø617             | ,  | 130-4          |
| 25X1A<br>25X1D | PHONG SAVAN AIRFIELD COMOR TARGET NO  | 1927N 1Ø313E | Ø617             |    | 121            |
| 25X1A<br>25X1D | BAN SEN AIRFIELD COMOR TARGET NO COMOR TARGET | 1937N 10305E | Ø617             |    | 426 <b>-</b> A |

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R-18Ø/65

25X1A

|                | -   | Coordinates |        |      | Target Numbers |       |
|----------------|---|-------------|--------|------|----------------|-------|
|                | Target  |             |        | WAC  | BE             | NPIC  |
| 25X1A<br>25X1D | MUONG KHEUNG AIRFIELD COMOR TARGET NO           | 1938N       | 1Ø3Ø6E | Ø617 |                | 426   |
|                | MILITARY INSTALLATIONS                          |             |        |      |                |       |
| 25X1D          | BAN SALA STRONGPOINTS                           | 2Ø25N       | 10352E | Ø616 |                | 481-E |
| 25X1D          | MUONG DAI PROBABLE CHECKPOINT                   | 2Ø17N       | 10436E | Ø616 |                | 281-A |
| 25X1D          | KANG PABONG BARRACKS/STORAGE AREA               | 2Ø18N       | 1Ø428E | Ø616 |                | 216-C |
| 25X1D          |   | 2Ø19N       |        | Ø616 |                | 281   |
| 25X1D          | BAN NONG KOU MILITARY AREA WNW                  | 2Ø25N       | 10413E | Ø616 |                | 498-F |
| 25X1D          | BAN NONG KOU MILITARY AREA                      | 2Ø25N       | 10413E | Ø616 |                | 498-F |
| 25X1D          | BAN NHOMMARATH KEO MILITARY AREA                | 1734N       | 1Ø51ØE | Ø617 |                | 365-C |
| 25X1A          | BAN BOUNG BAU MILITARY AREAS<br>COMOR TARGET NO | 1734N       | 1Ø514E | Ø617 |                | 369   |

### Approved For Release 2000/04/\$ECREA-RDP78B04560A004700010041-2

R-180/65

25X1A

Target Numbers WAC Target Coordinates NPIC <sup>2</sup>25X1口 BAN NA VENG MILITARY AREA 1737N 10514E Ø617 380 25X1A COMOR TARGET NO 25X1D BAN SAO ARMOR STORAGE AND MAINTENANCE AREA 1927N 10307E Ø617 427-E 25X1D KHANG KHAI VEHICLE/EQUIPMENT DISPERSAL AREA 1928N 1Ø314E Ø617 3Ø9-G 25X1D KHANG KHAI MIL HQ & BARRACKS P/L FORCES 193ØN 1Ø315E Ø617 3Ø9-A COMOR TARGET NO 25X1A 25X1D BAN PHAXAI VEHICLE DISPERSAL AREA 10321E 1931N Ø617 465-J 25X1D NONG PET/BAN KANG VIEN MILITARY AREA 1936N 1Ø321E Ø617 465 25X1A COMOR TARGET NO 25X1D BAN SONG HAC ARMOR STORAGE & MAINT AREA 1937N 10306E Ø617 426-B 25X1D

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# Approved For Release 2000/045€7€†A-RDP78B04560A004700010041-2 25X1A

R-18Ø/65

Target Numbers Coordinates WAC Target BE 25X1D BASIC SERVICES Ø616 216-D SOM POY PROBABLE REST/REFUEL AREA 2019N 10423E 25X1D -NORTH VIETNAM-MILITARY INSTALLATIONS 116-A Ø617 174ØN 1Ø546E MU GIA PASS ARMY BARRACKS 25X1D 1824N 10510E Ø617 111-A KEO NEUA PASS BORDER OUTPOST COMOR TARGET NO 25X1A 25X1D

Approved For Release 2000/04/17 : CIA-RDP78B04560A004700010041-2 SECTION III THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED.

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# Approved For Release 2000/04/\$ECREA-RDP78B04560A004700010041-2

|         | Target                       | Coordinates  | WAC  | Target Numbers |                |
|---------|------------------------------|--------------|------|----------------|----------------|
|         |                              | Coordinates  | ***  | BE             | NPIC           |
|         |                              |              |      |                |                |
|         |                              |              |      |                |                |
|         |                              |              |      | i              |                |
| ís .    | -LAOS-                       |              |      |                |                |
|         | AIR INSTALLATIONS            |              |      | -              |                |
|         | BAN HOUEI SANE LANDING STRIP | 1637N 1Ø633E | Ø617 |                | 217-C          |
| 25X1D   |                              | 220332       | 2011 |                | 217-0          |
|         | MILITARY INSTALLATIONS       |              |      |                |                |
|         | BAN NA THENE MILITARY AREAS  | 2026N 10411E | Ø616 |                | 498-G          |
| 25X1D   |                              |              |      |                | 170 0          |
|         | MUDNG LIET MILITARY AREAS    | 2028N 10408E | Ø616 |                | 136-F          |
| 25X1D   |                              |              |      |                |                |
| 25X1D   | BAN PHO STRONGPOINT          | 1636N 1Ø634E | Ø617 |                | 272-F          |
| 23/10   | BAN AMO MILITARY AREAS       |              |      |                |                |
| 25X1D   | DAN AMU MILITARY AREAS       | 1637N 1Ø633E | Ø617 |                | 217-D          |
| 23/10   | MUONG SOUI MILITARY AREAS    | 1932N 1Ø253E | ~    |                |                |
| 25X1D   |                              | 1932N 1Ø253E | Ø617 |                | 478-B          |
| 20/(15) | BAN NON HON MILITARY AREAS   | 1926N 10305E | Ø617 |                | 427-G          |
| 25X1D   |                              |              | 2011 |                | 721-6          |
|         |                              |              |      |                |                |
| હ       | BAN DONG MILITARY AREA       | 1929N 10318E | Ø617 |                | 465-G          |
| 25X1D   |                              | 2.2          | 2017 |                | 407 <b>-</b> 6 |
| 20/(10  |                              |              |      |                |                |
| L       |                              |              |      |                |                |

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| [     | T  | Coordinates  | WAC  | Target Numbers |       |
|-------|--|--------------|------|----------------|-------|
|       | Target                                     | Coordingles  |      | BE             | NPIC  |
|       | -NORTH VIETNAM- ELECTRONICS/COMMUNICATIONS | 17/11 19/205 | Ø617 |                | 288-E |
| 25X1D | QUANG KHE RADIO SITE NORTHEAST             | 1741N 10629E | 0011 |                | 200-2 |
|       |  |              |      |                |       |
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# Approved For Release 2000/04/17: CIA-RDF76B04360A004760616041-

NPIC/R-180/65

#### **APPENDIX**

#### COLUMN HEADINGS

City, Installation--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

<u>Coordinates</u>--Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC--This column provides the World Aeronautical Chart number for that area in which the subject installation is situated.

Installation Numbers--This column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the installation. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target number 0468-15-A

and an NPIC target number 0467-15-A. In each instance, the NPIC installation number is 15-A, but the installations appear on different WAC charts.

#### COMOR TARGET NUMBERS

Target numbers assigned by the Committee on Overhead Reconnaissance (COMOR), when available, are listed directly above the photo reference data.

#### PHOTO REFERENCE DATA

The photo reference data indicates the frame  $\!(s)$  on which the installation appears.

### CONDITIONS AFFECTING PHOTOGRAPHY

Following the photo reference data, symbols indicate conditions which affect the appearance of the installation on the photography. The symbols are: C (clear); SC (scattered cloud cover); HC (heavy cloud cover); SC-HC (scattered-to-heavy cloud cover); H (haze); CS (cloud shadow); SD (semidarkness); S (snow); PC (partial coverage); O (obliquity); and PQ (poor image quality).

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